

REMARKS

Claims 1, 2, 6-11, 14-18, 21 and 24-27 are pending. By this Amendment, claims 1, 6, 7, 9-11, 14-17, 21 and 24 are amended. No new matter is added.

Claims 1, 10, 11 and 21 are amended to better recite the claimed features. Claims 6, 7, 9, 14-17 and 24 are amended to improve form. Support for the claims is found in the disclosure as originally filed, including FIG. 4 of the drawings, and page 6 at line 3 of the specification.

Applicant thanks Examiner Nguyen for the courtesies extended to Applicant's representative during the October 2, 2012 telephone interview. The points discussed are incorporated into the remarks below, which constitute the Applicant's record of the telephone interview.

Reconsideration of this application, as amended, is respectfully requested.

Claim rejections - 35 U.S.C. § 112

Claims 1, 2, 7-9, 11, 14, 16-18, 21, 24, 25 and 27 are rejected under 35 U.S.C. §112, second paragraph, as allegedly indefinite.

It is respectfully submitted that "a reflective liquid crystal display device" is well known in the art, and does not refer to a "reflective-type liquid crystal display device" in a conventional sense.

Accordingly, the claims are definite. Withdrawal of the rejection is respectfully requested.

Claim rejections - 35 U.S.C. § 102 and §103

Claims 1, 2, 7-9, 11, 14, 16-18, 21, 24, 25 and 27 are rejected under 35 U.S.C. §102(e) over U.S. Patent No. 6,011,602 to Miyashita.

Claim 10 is rejected under 35 U.S.C. §103(a) over Miyashita, in view of Funamoto et al. (EP 0878720A).

Claims 6 and 15 are rejected under 35 U.S.C. §103(a) over Miyashita, in view of Funamoto.

The rejections are respectfully traversed.

It is respectfully submitted that Miyashita, either individually, or in combination with Funamoto, fails to disclose or suggest, an auxiliary light source device for a reflective liquid crystal display device having a reflector, the auxiliary light source device comprising a light source; a light directing member for directing incident light from the light source toward the reflector outwardly along an orthogonal direction, the light directing member including, an upper surface and a lower surface parallel to each other, the lower surface having a plurality of convex portions extending from the lower surface, each of the plurality of convex portions having a substantially planar surface which is substantially parallel to the lower surface and a side surface connecting the substantially planar surface and the lower surface, and a side surface angle between the side surface of the each convex portion and a line perpendicular to the substantially planar surface is less than 5°, wherein the plurality of convex portions have the same side surface angle with each other, wherein light reflected along an orthogonal direction to the liquid crystal display device is uniform, wherein a ratio of the height to width of the plurality of convex portions is substantially about 1 to 2, and wherein a size of the plurality of convex portions increases with increasing distance from the light source; and a sidewall reflector surrounding the light directing member, and extending lower than the substantially planar surface of the plurality convex portions.

Also, it is respectfully submitted that Miyashita, either individually, or in combination with Funamoto, fails to disclose or suggest each and every feature of claims 10, 11 and 21, which recite similar features of varying scope.

Rather, Miyashita simply discloses a light guide 20, and is without a surrounding sidewall reflector (see FIG. 1 of Miyashita).

Similarly, Funamoto simply discloses a light guide plate 11, but is also without a surrounding sidewall reflector (see FIG. 1A of Funamoto).

Accordingly, Miyashita, either individually, or in combination with Funamoto, fails to disclose or suggest each and every feature of claims 1, 10, 11 and 21. Thus, claims 1, 10, 11 and 21 are patentably distinguishable over the applied references and/or their combination.

The respective dependent claims are also patentably distinguishable over the applied references and/or their combination for at least the reasons discussed above, for the additional features they recite and/or due to deficiencies of the other applied references.

Withdrawal of the rejections is respectfully requested.

CONCLUSION

In view of the above amendment, Applicant believes the pending application is in condition for allowance.


Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Seth S. Kim, Reg. No. 54,577 at the telephone number below to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Director is hereby authorized in this, concurrent, and future replies to charge any fees required during the pendency of the above-identified application or credit any overpayment to Deposit Account No. 02-2448.

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Respectfully submitted,

By



Esther H. Chong

Registration No.: 40953

BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road, Suite 100 East

P.O. Box 747

Falls Church, VA 22040-0747

703-205-8000